

U.S. National Ice Center

PRESS RELEASE

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Five New Icebergs Have Calved from Iceberg A-76A

12MAY2023, SUITLAND, MD — The U.S. National Ice Center (USNIC) has confirmed that icebergs A-76E, A76-F, A76-G, A76-H, and A76-I (Figure 1, below) calved from iceberg A-76A in the northern Weddell Sea. The calving event was first spotted on MODIS imagery as early as May 08. As of May 12, the icebergs were centered at the locations specified in Table 1 below. A-76 first calved from the Ronne Ice Shelf in May 2021. A-76 calved into A-76A, A-76B, and A-76C later that month. A-76D calved on or about 28 April 2023.

Name	Latitude	Longitude	Length	Width
A-76A	54° 25' S	41° 50' W	51 NM	6 NM
A-76E	53° 39' S	43° 03' W	8 NM	4 NM
A-76F	54° 29' S	41° 26' W	48 NM	5 NM
A-76G	54° 55' S	41° 03' W	17 NM	11 NM
A-76H	54° 24' S	41° 41' W	32 NM	3 NM
A-76I	54° 10' S	41° 58' W	7 NM	6 NM

Table 1

The new icebergs were first spotted by Dr. Klaus Strübing, former director and professor at the Federal Maritime and Hydrographic Agency of Germany (BSH), and Dr. Jan Lieser of Australia's Bureau of Meteorology; the new icebergs were confirmed by USNIC Analysts Britney Fajardo and Katherine Quinn using the MODIS image below.

Iceberg names are derived from the Antarctic quadrant in which they were originally calved. The quadrants are divided counter-clockwise in the following manner:

- A = 0-90W (Bellingshausen/Weddell Sea)
- B = 90W-180 (Amundsen/Eastern Ross Sea)
- C = 180-90E (Western Ross Sea/Wilkesland)
- D = 90E-0 (Amery/Eastern Weddell Sea)

When first sighted, an iceberg's point of origin is documented by USNIC. The letter of the quadrant, along with a sequential number, is assigned to the iceberg. For example, C-19 is sequentially the 19th iceberg tracked by USNIC in Antarctica between 180-90E (Quadrant C).

Icebergs with letter suffixes have calved from already named icebergs, where the letters are added in sequential order. For example, C-19D is the 4th iceberg to calve off the original C-19 iceberg.

Iceberg positions are analyzed weekly and are available on the USNIC webpage at: <https://usniccenter.gov/Products/AntarcIcebergs>

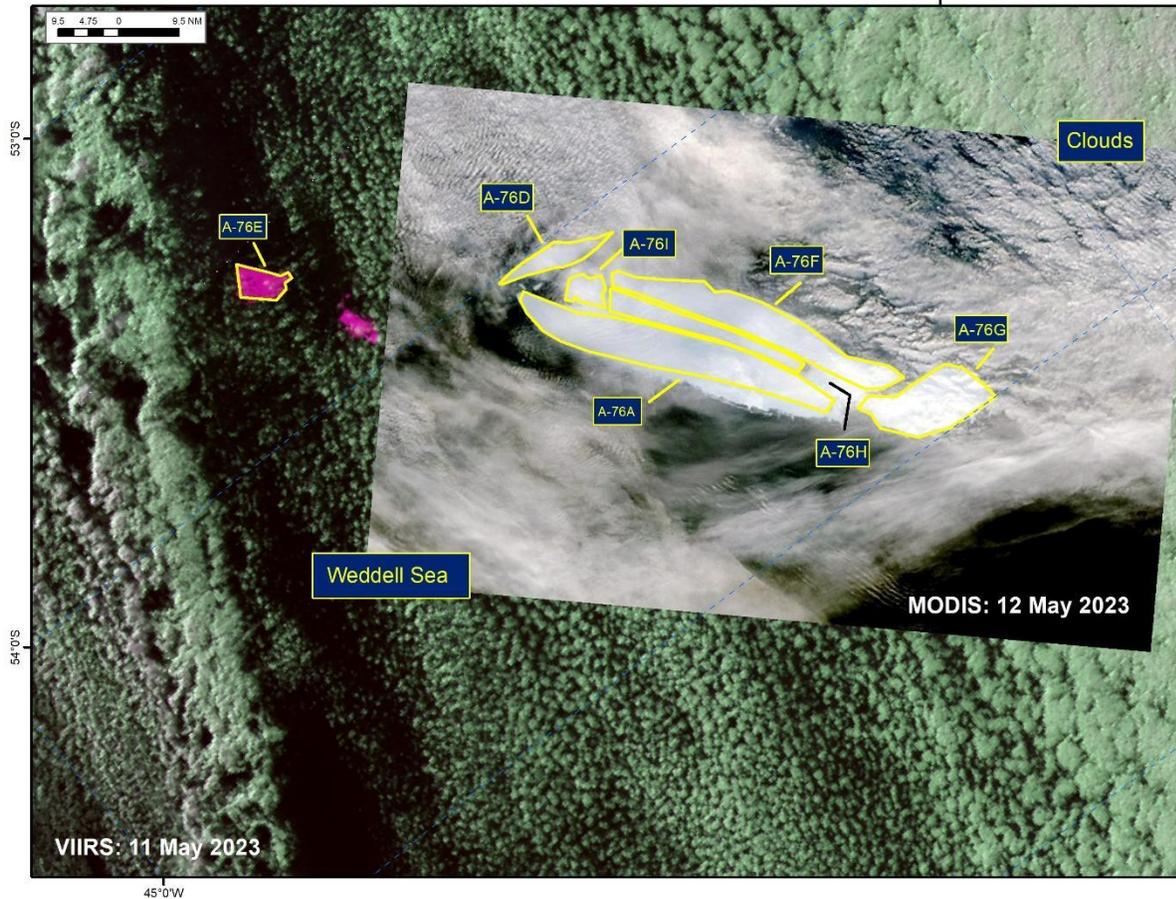


Figure 1: VIIRS image of iceberg A-76E from May 11, 2023 and MODIS image of A-76A, A-76D, A-76F, A-76G, A-76H, and A-76I from May 12, 2023.

USNIC is a multi-agency center—subordinate to Naval Meteorology and Oceanography Command—operated by the Navy, NOAA, and Coast Guard which provides global to tactical scale ice and snow products, ice forecasting, and related environmental intelligence services for the United States government.

Naval Meteorology and Oceanography Command directs and oversees more than 2,500 globally-distributed military and civilian personnel who collect, process, and exploit environmental information to assist Fleet and Joint Commanders in all warfare areas to make better decisions faster than the adversary.

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